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Dynamo-electric machine stators with multiple poles, and method for winding same**Patent number:** EP1020975**Publication date:** 2000-07-19**Inventor:** BECHERUCCI RAFFAELE (IT); LUICIANI SABATINO (IT); STRATICO GIANFRANCO (IT)**Applicant:** AXIS SPA (IT)**Classification:**

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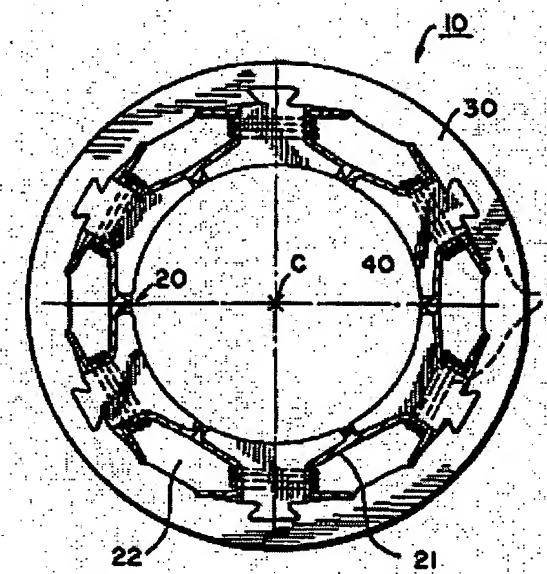
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Abstract of EP1020975

A stator for a dynamo-electric machine (10) such as a motor or a generator includes a hollow annular inner structure (21) (e.g., of plastic material). Pole structures (e.g., of ferro-magnetic material) (40) are inserted in circumferentially spaced pole receptacles in the inner structure. Coils of wire (50) are wound around the pole structures from outside the inner structure. A hollow annular outer structure (30) (e.g., of ferro-magnetic material) is then disposed concentrically around the outside of the subassembly that includes the inner structure, the pole structures, and the coils. Methods for making the stator are also disclosed.

**FIG.1**